

PROGRAM: Heating/Air Conditioning Maintenance

**PROGRAM
CIP CODE:** 47.0200

DESCRIPTION: The Heating/Air Conditioning Maintenance program prepares students to apply technical knowledge and skills to repair, install, service and maintain the operating conditions of heating and air conditioning systems. Includes instruction in diagnostic techniques, the use of testing equipment and the principles of mechanics, electricity and electronics as they relate to the repair of heating and air conditioning systems.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

**Career
Preparation
Grades
11-12** The following describes the recommended courses developed from industry-validated skills necessary for initial employment or continued related education.

47.0200.10 Heating/Air Conditioning Maintenance I: Course description is under development.

-and-

47.0200.20 Heating/Air Conditioning Maintenance II: Course description is under development.

And program may elect to add:

47.0200.75 Heating/Air Conditioning Maintenance - Internship: This course provides CTE students an opportunity to engage in learning through participation in a structured work experience that can either be paid or unpaid and does not necessarily require classroom instruction that involves the application of previously developed Heating/Air Conditioning Maintenance knowledge and skills.

-or-

47.0200.80 Heating/Air Conditioning Maintenance - Cooperative Education: This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences, directly related to the standards identified for the Heating/Air Conditioning Maintenance program.

**TEACHER CERTIFICATION REQUIREMENTS FOR THE
HEATING/AIR CONDITIONING MAINTENANCE PROGRAM**

CAREER PREPARATION: The instructor must be CTE certified according to the following table

Heating/Air Conditioning Maintenance	CERTIFICATES	
	Types: (To Be Determined) Approved Areas: (To Be Determined)	Types: (To Be Determined) (To Be Determined)

Note:

- Heating/Air Conditioning Maintenance, 47.0200.70 may be a part of the sequence and the teacher must hold a Cooperative Education Endorsement (CEN).
- Teacher/Coordinator 47.0200.75 is required to have a Cooperative Education Endorsement (CEN).
- Teacher/Coordinator 47.0200.80 is required to have a Cooperative Education Endorsement (CEN).

**CERTIFICATE ABBREVIATIONS FOR THE
HEATING/AIR CONDITIONING MAINTENANCE PROGRAM**

Certificate Types	Approved Areas List
(To Be Determined)	(To Be Determined)